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Claims

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1. Method of clocking an IP core during a debugging operation, characterised by switching from the clock used for testing a design mapped onto an emulator to a clock oscillator or any free-running clock source.

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2. The method of claim 1, wherein said clock oscillator is provided on the IP-Xpress board.
3. The method of claim 1 or 2, wherein the clock used for testing the design is a design clock used for testing is either:
 - a) a clock sourced from the design mapped into the emulator
 - b) a clock sourced directly from the emulators clock generator circuits
 - c) a clock oscillator locally mounted on the IP-Xpress daughter board, or any free running clock source

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4. The method of claim 1, 2 or 3, comprising the step of monitoring signals specific to the IP core which indicate a breakpoint in order to detect the breakpoint.

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5. The method of any of claims 1 to 4, wherein said switching is performed upon detecting that the breakpoint has been entered.
6. The method of any of claims 1 to 5, wherein the IP core is a microprocessor or a DSP.

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7. System for clocking an IP core during a debugging operation, comprising switching means (1);
a clock oscillator or any free-running clock source (2); and

control means for sending a control signal to the switching means (1) when the debugging operation is started for switching the switching means (1) to the clock oscillator or any free-running clock source(2).